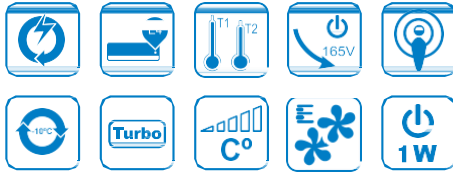


# 1x1 INVERTER WALLSPLIT

## MUPR-H5A Series

**MUNDCLIMA®**  
**SUPER DC INVERTER**



### SPECIFICATIONS

Model			MUPR-09-H5A	MUPR-12-H5A	MUPR-18-H5A	MUPR-24-H5A	
Code			CL20025	CL20026	CL20027	CL20028	
Cooling	Rated capacity (min ~ max)	kW	2,5 (1,0 - 2,8)	3,5 (1,1 - 3,7)	5,1 (1,3 - 5,4)	7,0 (2,0 - 7,6)	
	Rated consumption (min ~ max)	kW	0,78 (0,085 - 1,0)	1,093 (0,086 - 1,6)	1,58 (0,2 - 2,0)	2,18 (0,3 - 2,9)	
	Pdesignc	kW	2,5	3,5	5,1	7,0	
	SEER	W/W	6,30	6,43	6,23	6,18	
Energy Efficiency Class			A++	A++	A++	A++	
Heating	Rated capacity (min ~ max)	kW	2,6 (0,69 - 2,9)	3,5 (1,1 - 3,8)	5,3 (1,4 - 6,1)	7,3 (2,5 - 8,0)	
	Rated consumption (min ~ max)	kW	0,72 (0,11 - 1,4)	0,97 (0,188 - 1,6)	1,47 (0,35 - 2,2)	2,02 (0,35 - 3,0)	
	intermediate climate zone	Pdesignh	kW	2,4	3,5	4,7	5,8
		SCOP	W/W	4,10	4,07	4,06	4,05
		Energy Efficiency Class		A+	A+	A+	A+
Tbiv	°C	2	2	2	2		
Tol		°C	-10	-10	-10	-10	
Power supply		V-Hz-F	220-240V ~ 50Hz, 1Ph				
Max. consumption		kW	1,5	1,9	2,8	3,2	
Max. current		A	8	9,5	11	16	
Indoor unit	Airflow rate (Turbo/H/M/L)	m³/h	550/500/450/405	550/500/450/405	900/818/740/666	1250/1090/990/890	
	Sound pressure (Turbo/H/ M/L)	dB(A)	42 / 37 / 33 / 27	42 / 37 / 33 / 27	48 / 43 / 38 / 32	50 / 45 / 40 / 34	
	Sound power (H)	dB(A)	51	53	56	64	
	Dimensions (W x H x D)	mm	750 x 285 x 200	750 x 285 x 200	900 x 311 x 225	1082 x 330 x 233	
Weight		Kg	8	8,5	12	16	
Outdoor unit	Airflow rate (H)	m³/h	2000	2000	2150	2700	
	Sound pressure (H)	dB(A)	52	52	54	55	
	Sound power (H)	dB(A)	57	60	63	66	
	Dimensions (W x H x D)	mm	730 x 545 x 285	730 x 545 x 285	800 x 545 x 315	800 x 690 x 310	
	Weight	Kg	27	27	35	50	
Refrigerant	Type		R410A	R410A	R410A	R410A	
	Charged quantity	Kg	0,78	0,78	1,4	1,9	
	Preloading until	m	5	5	5	5	
	Additional charge (from 5 m)	g/m	20	25	30	40	
Connection pipes	Liquid	mm(pulg)	Ø6,35 (1/4")	Ø6,35 (1/4")	Ø6,35 (1/4")	Ø9,52 (3/8")	
	Gas	mm(pulg)	Ø9,52 (3/8")	Ø9,52 (3/8")	Ø12,7 (1/2")	Ø15,9 (5/8")	
	Max. Length	m	20	20	25	25	
	Max. Drop height	m	10	10	15	15	
Electrical wiring	Power Supply (indoor unit)	mm²	2 x 2,5 + T	2 x 2,5 + T	2 x 2,5 + T	2 x 4 + T	
	interconnection	mm²	3 x 2,5 + T	3 x 2,5 + T	3 x 2,5 + T	3 x 4 + T	
Remote control			H series	H series	H series	H series	
Operation temperature	Indoor (Cooling / Heating)	°C	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	18 ~ 32 / 0 ~ 30	
	Outdoor (Cooling / Heating)	°C	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 30	-10 ~ 47 / -10 ~ 30	

Warning: 1. Data and specifications are subject to changes without previous notice.  
 2. The values of noise level match with values obtained in the anechoic chamber.



**Automatic restart**  
Recovery of the previous adjustments before the electrical cut.



**Cooling in low temperatures**  
Operation in cooling up to -10° C outdoor



**Emergency operation**  
Possibility of unit operation with the manual button in case of activation of some alarms.



**Turbo operation (Strong)**  
Maximum cooling/heating time reduction.



**Cold air protection**  
In heating the initial fan speed is adjusted in accordance with the battery temperature.



**Wide working temperature range**  
Cooling operation until 50° C and in heating until -15° C



**Low voltage start**  
The equipment can start and run normally up to a supply voltage of 165 V.



**Different speeds of the external fan**  
Accurate adjustment of fan speed thanks to fan DC.



**Follow Me Function (Feeling)**  
The wireless remote control incorporates a temperature sensor. The unit automatically selects the operating mode in order to achieve greater control and comfort in temperature.



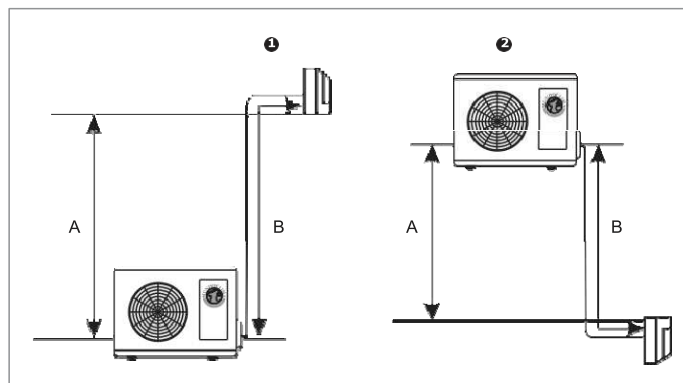
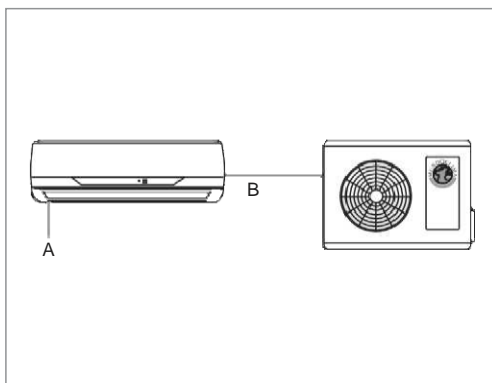
**Standby Function (only 1W in Standby)**  
The outdoor unit is automatically disconnected of the supply when the unit is in standby, in that way the consumption in standby modus is only 1W.

## ELECTRIC INSTALLATION

Model	Power cable (A)	Connecting cable (B)
MUPR-09-H5A	2 × 2.5 + T	3 × 2.5 + T
MUPR-12-H5A	2 × 2.5 + T	3 × 2.5 + T
MUPR-18-H5A	2 × 2.5 + T	3 × 2.5 + T
MUPR-24-H5A	2 × 4 + T	3 × 4 + T

## REFRIGERATING INSTALLATION

Model	Pipe		Max. Length (B)	Max. drop height (A)	Precharge until (m)	Additional charge (g/m)
	Liquid	Gas				
MUPR-09-H5A	1/4"	3/8"	20	10	5	20
MUPR-12-H5A	1/4"	3/8"	20	10	5	25
MUPR-18-H5A	1/4"	1/2"	25	15	5	30
MUPR-24-H5A	3/8"	5/8"	25	15	5	40



\* In case 2 (outdoor unit higher) for slopes higher than 5~7 m it is recommended to install a trap.

